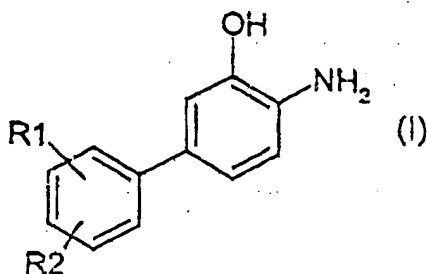


CLAIMS

1. Colorant for oxidative dyeing of keratin fibers, particularly human hair, based on a developer-coupler combination, characterized in that it contains at least one 4-aminobiphenyl-3-ol derivative of general formula (I) or a physiologically compatible, water-soluble salt thereof



wherein

R1 and **R2** independently of each other denote hydrogen, a halogen atom, a cyano group, a hydroxyl group, a C_1 - C_4 -alkoxy group, a C_2 - C_4 -hydroxyalkoxy group, a C_1 - C_6 -alkyl group, a nitro group, a trifluoromethyl group, a $-C(O)H$ group, a $-C(O)CH_3$ group, a $-C(O)CF_3$ group, an $-Si(CH_3)_3$ group or a C_1 - C_6 -hydroxyalkyl group or **R1** and **R2** together form an $-O-CH_2-O-$ bridge.

2. Colorant according to Claim 1, characterized in that it contains the 4-aminobiphenyl-3-ol derivative of general formula (I) is selected from among 4-aminobiphenyl-3-ol, 4-amino-2'-chlorobiphenyl-3-ol, 4-amino-2'-cyanobiphenyl-3-ol, 4-amino-2'-fluorobiphenyl-3-ol, 4-amino-2'-methylbiphenyl-3-ol, 4-amino-2'-trifluoromethylbiphenyl-3-ol, 4-amino-3'-chlorobiphenyl-3-ol, 4-amino-3'-cyanobiphenyl-3-ol, 4-amino-3'-fluorobiphenyl-3-ol, 4-amino-3'-methylbiphenyl-3-ol, 4-amino-3'-trifluoromethylbiphenyl-3-ol, 4-amino-4'-chlorobiphenyl-3-ol, 4-amino-4'-cyanobiphenyl-3-ol, 4-amino-4'-fluorobiphenyl-3-ol, 4-amino-4'-methylbiphenyl-3-ol, 4-amino-4'-trifluoromethylbiphenyl-3-ol, 4-amino-2',3'-dichlorobiphenyl-3-ol, 4-amino-2'-chloro-3'-fluorobiphenyl-3-ol, 4-amino-2'-chloro-3'-methylbiphenyl-3-ol, 4-amino-2'-chloro-5'-chlorobiphenyl-3-ol, 4-amino-2'-chloro-5'-fluorobiphenyl-3-ol, 4-amino-2'-chloro-5'-methylbiphenyl-3-ol, 4-amino-2',6'-dichlorobiphenyl-3-ol, 4-amino-2'-chloro-6'-fluorobiphenyl-3-ol, 4-amino-2'-chloro-6'-methylbiphenyl-3-ol, 4-amino-2'-fluoro-3'-chlorobiphenyl-3-ol, 4-amino-2'-fluoro-3'-fluorobiphenyl-3-ol, 4-amino-2'-fluoro-3'-methylbiphenyl-3-ol, 4-amino-2'-fluoro-5'-chlorobiphenyl-3-ol, 4-amino-2',5'-difluorobiphenyl-3-ol, 4-amino-2'-fluoro-5'-methylbiphenyl-3-ol, 4-amino-2'-fluoro-6'-chlorobiphenyl-3-ol, 4-amino-2',6'-difluorobiphenyl-3-ol, 4-amino-2'-fluoro-6'-methylbiphenyl-3-ol, 4-amino-2'-methyl-3'-chlorobiphenyl-3-ol, 4-amino-2'-methyl-3'-fluorobiphenyl-3-ol, 4-amino-2',3'-dimethylbiphenyl-3-ol, 4-amino-2'-methyl-5'-chlorobiphenyl-3-ol, 4-amino-2'-methyl-5'-fluorobiphenyl-3-ol, 4-amino-2',5'-dimethylbiphenyl-3-ol, 4-amino-2'-methyl-6'-chlorobiphenyl-3-ol, 4-amino-2'-methyl-6'-fluorobiphenyl-3-ol, 4-amino-2',6'-dimethylbiphenyl-3-ol, 4-amino-3'-chloro-5'-chlorobiphenyl-3-ol, 4-amino-3'-chloro-5'-fluorobiphenyl-3-ol, 4-amino-3'-chloro-5'-methylbiphenyl-3-ol, 4-amino-3'-fluoro-5'-chlorobiphenyl-3-ol, 4-amino-3',5'-difluorobiphenyl-3-ol, 4-amino-3'-fluoro-5'-methylbiphenyl-3-ol, 4-amino-3'-methyl-5'-chlorobiphenyl-3-ol, 4-amino-3'-methyl-5'-fluorobiphenyl-3-ol, 4-amino-3',5'-

dimethylbiphenyl-3-ol, 4-amino-3',4'-dichlorobiphenyl-3-ol, 4-amino-3'-chloro-4'-fluorobiphenyl-3-ol, 4-amino-3'-chloro-4'-methylbiphenyl-3-ol, 4-amino-4',6'-dichlorobiphenyl-3-ol, 4-amino-4'-chloro-6'-fluorobiphenyl-3-ol, 4-amino-4'-chloro-6'-methylbiphenyl-3-ol, 4-amino-3'-fluoro-4'-chlorobiphenyl-3-ol, 4-amino-3',4'-difluorobiphenyl-3-ol, 4-amino-3'-fluoro-4'-methylbiphenyl-3-ol, 4-amino-4'-fluoro-6'-chlorobiphenyl-3-ol, 4-amino-4',6'-difluorobiphenyl-3-ol, 4-amino-4'-fluoro-6'-methylbiphenyl-3-ol, 4-amino-3'-methyl-4'-chlorobiphenyl-3-ol, 4-amino-3'-methyl-4'-fluorobiphenyl-3-ol, 4-amino-3',4'-dimethylbiphenyl-3-ol, 4-amino-4'-methyl-6'-chlorobiphenyl-3-ol, 4-amino-4'-methyl-6'-fluorobiphenyl-3-ol, 4-amino-4',6'-dimethylbiphenyl-3-ol, 2-amino-5-benzo[1,3]dioxo-5-ylphenol and the physiologically compatible salts thereof.

3. Colorant according to Claim 1, characterized in that in formula (I) (i) R1 denotes hydrogen and/or (ii) R2 denotes hydrogen, a methyl group, a trifluoromethyl group, a fluorine atom or a chlorine atom.

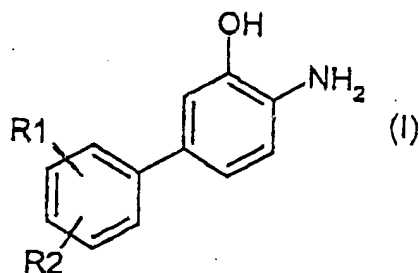
4. Colorant according to one of Claims 1 to 3, characterized in that the 4-aminobiphenyl-3-ol derivative of general formula (I) is selected from among 4-aminobiphenyl-3-ol, 4-amino-2'-chlorobiphenyl-3-ol, 4-amino-3'-chlorobiphenyl-3-ol, 4-amino-4'-chlorobiphenyl-3-ol, 4-amino-2'-fluorobiphenyl-3-ol, 4-amino-3'-fluorobiphenyl-3-ol, 4-amino-4'-fluorobiphenyl-3-ol, 4-amino-4'-methylbiphenyl-3-ol and the physiologically compatible salts thereof.

5. Colorant according to one of Claims 1 to 4, characterized in that it contains the 4-aminobiphenyl-3-ol derivative of general formula (I) in an amount from 0.001 to 5 weight percent.

6. Colorant according to one of Claims 1 to 5, characterized in that it has a pH of 6.5 to 11.5.

7. Colorant according to one of Claims 1 to 6, characterized in that additionally it contains at least one dye from the group consisting of developers, couplers, direct dyes and other dye components.

8. 4-Aminobiphenyl-3-ol derivative of general formula (I) or a physiologically compatible, water-soluble salt thereof



wherein

R1 and **R2** independently of each other denote hydrogen, a halogen atom, a cyano group, a hydroxyl group, a C₁-C₄-alkoxy group, a C₂-C₄-hydroxyalkoxy group, a C₁-C₆-alkyl group, a nitro group, a trifluoromethyl group, a -C(O)H group, a -C(O)CH₃ group, a -C(O)CF₃ group, a -Si(CH₃)₃ group or a C₁-C₆-hydroxyalkyl group or **R1** and **R2** together form an -O-CH₂-O- bridge.

9. Compound according to Claim 8, characterized in that in formula (I) (i) **R1** denotes hydrogen and/or (ii) **R2** denotes hydrogen, a methyl group, a trifluoromethyl group, a fluorine atom or a chlorine atom.

Claim 10:

10. Compound according to Claim 8 or 9, characterized in that the 4-aminobiphenyl-3-ol derivative of general formula (I) is selected from among 4-aminobiphenyl-3-ol, 4-amino-2'-chlorobiphenyl-3-ol, 4-amino-3'-chlorobiphenyl-3-ol, 4-amino-4'-chlorobiphenyl-3-ol, 4-amino-2'-fluorobiphenyl-3-ol, 4-amino-3'-fluorobiphenyl-3-ol, 4-amino-4'-fluorobiphenyl-3-ol, 4-amino-4'-methylbiphenyl-3-ol and the physiologically compatible salts thereof.